

IN THE CLAIMS

Please amend the claims as indicated below.

- CV
- 1 1. (Currently Amended) A light filter comprising:
- 2 a first layer of substantially opaque material including front and back surfaces;
- 3 a plurality of light transmissive beads disposed in a single-layer array within the
- 4 first layer of opaque material with first portions of the beads penetrating through the front
- 5 surface of the first layer of opaque material to form light transmissive apertures and
- 6 remaining portions of the beads protruding through the back surface of and not disposed
- 7 within the first layer of substantially opaque material to receive incident light; and
- 8 a second layer of light-dispersing material having asymmetrical dispersion
- 9 characteristics along orthogonal axes, the second layer being disposed relative to the
- 10 beads and the first layer to disperse light incident ~~thereon~~ the second layer to enhance
- 11 light transmission along one of the orthogonal axes relative to light transmission along
- 12 another of the orthogonal axes, the second layer including prismatic lenses having
- 13 surfaces oriented normal to incident light and sloping surfaces oriented skewed to
- 14 incident light for dispersing light passing therethrough.
- 1 2. (Previously presented) The light filter according to claim 1 in which the
- 2 second layer is disposed to receive light emanating from the apertures.
- 1 3. (Previously presented) The light filter according to claim 1 in which the
- 2 second layer is interposed between incident light and the remaining portion of the beads
- 3 protruding through the back surface of and not disposed within the first layer of
- 4 substantially opaque material.
- 1 4. (Previously presented) The light filter according to claim 1 including a

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2 conformal layer of transmissive material affixed to the back surface of the first layer and
3 the remaining portions of the beads to receive incident light.

1 5. (Cancel)

1 6. (Cancel)

1 7. (Currently Amended) The light filter according to claim 51 in which the
2 sloping surfaces include multiple facets and different sloping angles.

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1 8. (Currently Amended) The light filter according to claim 51 in which the
2 sloping surfaces adjacent the surfaces normal to incident light slope at different angles.

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(m)

1 9. (Currently Amended) A light filter comprising:
2 a first layer of substantially opaque material including front and back surfaces;
3 a plurality of light transmissive, substantially spherical beads disposed in a single-
4 layer array within the first layer of opaque material with first portions of the beads
5 penetrating through the front surface of the first layer of opaque material to form light
6 transmissive apertures and remaining portions of the beads protruding through the back
7 surface of and not disposed within the first layer of substantially opaque material to
8 receive incident light; and
9 a support layer of transparent material disposed to receive light emanating
10 through the apertures; and
11 a prism layer disposed relative to the first portion of the beads and the support
12 layer to disperse light supplied thereto asymmetrically along orthogonal axes, the prism
13 layer including a plurality of aligned prisms each including a plurality of substantially
14 planar surfaces oriented along a substantially vertical axis, the prisms dispersing light
15 passing therethrough ~~in a non-reflective manner~~ to enhance light transmission along one
16 of the orthogonal axes relative to light transmission along the other orthogonal axis.

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1 10. (Original) The light filter according to claim 9 in which the prism layer is
2 a film.

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1 13. (Previously presented) The light filter according to claim 4 in which the
2 beads have a radius R , and the thickness of the conformal layer is not greater than R .

1 14. (Previously presented) The light filter according to claim 13 in which the
2 thickness of the conformal layer is about ten percent (10%) of R .

1 17. (Previously presented) The light filter according to claim 1 in which the
2 second layer includes a material for scattering incident light.

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1 18. (Previously presented) The light filter according to claim 2 further
2 comprising a support layer of transparent material disposed intermediate the beads and
3 the second layer.

1 19. (Previously presented) The light filter according to claim 2 further
2 comprising a support layer of transparent material disposed relative to the beads and the
3 second layer.

1 20. (Cancel)

1 21. (Cancel)

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1 23. (Cancel)

1 24. (Cancel)

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1 25. (Currently Amended) The light filter according to claim 2 further
2 comprising a thin transparent layer, ~~the layer~~ disposed between the first layer and the
3 second layer, the beads penetrating the first layer and the thin transparent layer to form
4 apertures of increased diameter.

1 26. (Cancel)

1 27. (Cancel)

1 28. (Cancel)

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1 30. (Cancel)

1 31. (Cancel)

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1 32. (Currently Amended) The light filter according to claim 51 in which the
2 prismatic lenses disperse light by scattering.

1 33. (Cancel)

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1 34. (Currently Amended) The light filter according to claim 9 in which the
2 prisms ~~disperse~~ include a material for scattering incident light by scattering.

1 35. (Cancel)

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1 37. (Cancel)

1 38. (Cancel)

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1 39. (New) A light filter comprising:
2 a first layer of substantially opaque material including front and back surfaces;
3 a plurality of light transmissive beads disposed in a single-layer array within the
4 first layer of opaque material with first portions of the beads penetrating through the front
5 surface of the first layer of opaque material to form light transmissive apertures and
6 remaining portions of the beads protruding through the back surface of and not disposed
7 within the first layer of substantially opaque material to receive incident light; and
8 a second layer of light-dispersing material having asymmetrical dispersion
9 characteristics along orthogonal axes, the second layer being disposed relative to the
10 beads and the first layer to disperse light incident on the second layer to enhance light
11 transmission along one of the orthogonal axes relative to light transmission along another
12 of the orthogonal axes, the second layer including a material for scattering incident light.

1 40. (New) The light filter according to claim 39 in which the second layer is
2 disposed to receive light emanating from the apertures.

1 41. (New) The light filter according to claim 39 in which the second layer is
2 interposed between incident light and the remaining portion of the beads protruding
3 through the back surface of and not disposed within the first layer of substantially opaque
4 material.

1 42. (New) The light filter according to claim 39 including a conformal layer of
2 transmissive material affixed to the back surface of the first layer and the remaining
3 portions of the beads to receive incident light.

1 43. (New) The light filter according to claim 42 in which the beads have a
2 radius R , and the thickness of the conformal layer is not greater than R .

1 44. (New) The light filter according to claim 43 in which the thickness of the
2 conformal layer is about ten percent (10%) of R .

1 45. (New) The light filter according to claim 40 further comprising a support
2 layer of transparent material disposed intermediate the beads and the second layer.

1 46. (New) The light filter according to claim 40 further comprising a support
2 layer of transparent material disposed relative to the beads and the second layer.

1 47. (New) The light filter according to claim 40 further comprising a thin
2 transparent layer disposed between the first layer and the second layer, the beads
3 penetrating the first layer and the thin transparent layer to form apertures of increased
4 diameter.

1 48. (New) The light filter according to claim 39 wherein the material for
2 scattering incident light is a dispersing film.

1 49. (New) The light filter according to claim 1 in which the second layer
2 includes a dispersing film.